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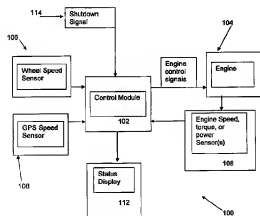
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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: IMPROVED VEHICLE STOPPING SYSTEM AND METHOD



(57) Abstract: A method of controlling a vehicle includes reducing a speed of the vehicle in response to a vehicle shutdown signal, monitoring at least one of a speed of the vehicle and a torque of an engine of the vehicle, determining whether the monitored at least one of the speed and torque is decreasing, if the monitored at least one of the speed and torque is not decreasing, enabling the engine of the vehicle to operate at a reduced power level, and stopping the vehicle when the monitored at least one of the speed and torque has reached a predetermined level. A control system for a vehicle includes a processor that reduces a speed of the vehicle in response to a vehicle shutdown signal. The processor monitors at least one of a speed of the vehicle and a torque of an engine of the vehicle and determines whether the monitored at least one of the speed and torque is decreasing. If the monitored at least one of the speed and torque is not decreasing, the processor enables the engine of the vehicle to operate at a reduced power level. The processor causes the vehicle to stop the vehicle when the monitored at least one of the speed and torque has reached a predetermined level. In addition, a computer-readable containing a computer program for controlling a vehicle.



— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/39995

A. CLASSIFICATION OF SUBJECT MATTER
 IPC(8) : G06F 19/00 (2007.01), 7/00 (2007.01)
 US CL : 701/70

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 701/70

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base used, where practicable, search terms used)
 WWW.GOOGLE.COM, WWW.HOWSTUFFWORKS.COM, WEST/DERWENT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,439,980 B1 (Tabata ET AL) 01 October 2002 (01.10.2002), the background, and the summary.	1-13
Y	US 2001/0055544 A1 (Walker) 27 December 2001 (27.12.2001), the abstract.	1-13
Y	US 2002/0157881 A1 (Bakholdin et al.) 31 October 2002 (31.10.2002), see the entire document.	1-13
A,B	US 2005/0123134 A1 (Walskold et al.) 09 June 2005, see the entire document.	1-13
Y	US 2003/0225501 A1 (De La Salle et al.) 04 December 2003 (04.12.2003), see the entire document.	1-13
Y	US 2001/0016795 A1 (Bellinger) 23 August 2002 (23.08.2001), see the entire document.	1-13
X	US 6,072,248 A (Maise et al) 29 April 1997 (29.04.1997), the entire document, especially the abstract, column 2 lines 16-26, Figures 2C (refs. 4, 5), 4A- 4C, claims 5, and 15; column 3 lines 53-59; column 2 lines 30-38; and column 5 lines 58-61.	1-13

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,363,999 A (Preitshat) 14 December 1982 (14.12.1982), see the entire document.	1-13